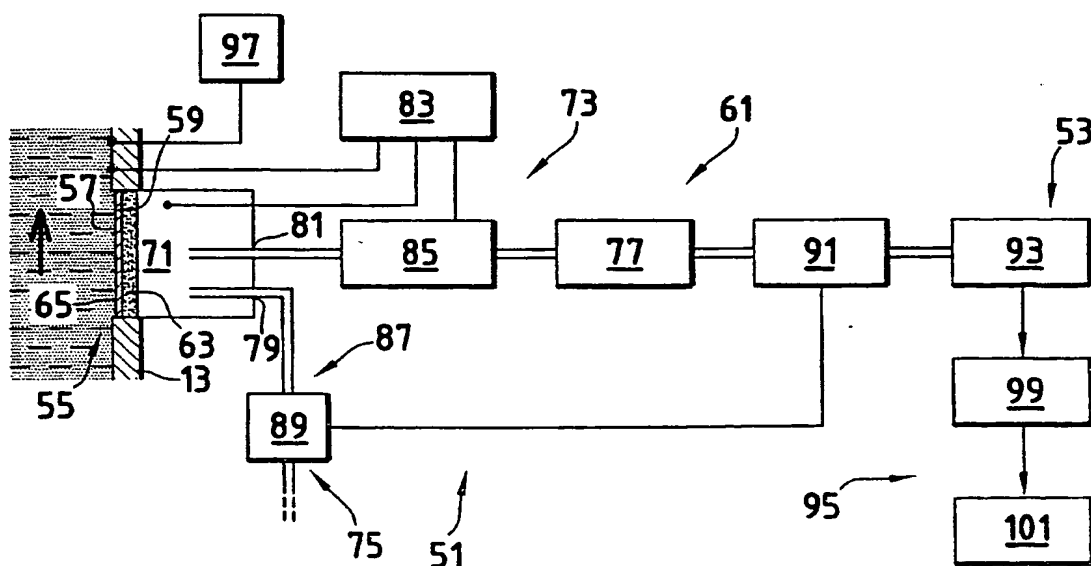




**(10) Numéro de publication internationale**  
**WO 2004/097175 A2**

*[Suite sur la page suivante]*

**(54) Titre : DISPOSITIF D'ANALYSE D'AU MOINS UN GAZ CONTENU DANS UN LIQUIDE NOTAMMENT UN FLUIDE DE FORAGE**



**(57) Abstract:** The device comprises means (53) for analysing a gas or each gas and means (51) for taking a sample of at least one fraction of said gas, comprising at least one porous membrane element (55). The porous membrane element (55) comprises a support (63) and has a first surface (57) which is in contact with the liquid circulating in the duct (13) and a second surface (59) which opens out into a duct (61) which is connected to analysing means (53). The hardness of the first surface (57) is more than 1400 Vickers (kgf/mm<sup>2</sup>), ranging more particularly between 1400 and 1900 Vickers (kgf/mm<sup>2</sup>). The invention can be used to analyse the gaseous content of oil well boring sludge.

*[Suite sur la page suivante]*